



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/504,823

08/17/2004

Hideki Kasamatsu

042682

2032

38834

7590

09/10/2008

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
1250 CONNECTICUT AVENUE, NW
SUITE 700
WASHINGTON, DC 20036

EXAMINER

HICKS, CHARLES N

ART UNIT

PAPER NUMBER

2623

MAIL DATE

DELIVERY MODE

09/10/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/504,823	Applicant(s) KASAMATSU ET AL.	
	Examiner CHARLES N. HICKS	Art Unit 2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 July 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 August 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 6/23/08 has been entered. A new ground of rejection is applied based on applicants amendments.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-5 are rejected under 35 U.S.C. 102(e) as being anticipated by Gatto (US 2002/0174444 A1), hereinafter referred to as Gatto.

3. Regarding claim 1, Gatto discloses a television system comprising a main television set and a sub-television set, wherein the main television set comprises:

a housing, said housing comprises a television display; a plurality of tuners (**fig. 1-2, pg. 4, paragraph 67-68**);

a selection circuit for selecting, out of receiving signals received by the plurality of tuners, the receiving signal for broadcasting on the main television set as well as selecting the receiving signal for broadcasting on the sub-television set (**fig. 1-2, pg. 4-5, paragraphs 71-72**);

a first signal processing circuit for processing the receiving signal for broadcasting on the main television set selected by the selection circuit, to generate a video signal and an audio signal for broadcasting on the main television set (**fig. 1-3, p. 5, paragraph 73**);

a first wireless transmission unit for wireless-transmitting to the sub-television set the receiving signal for broadcasting on the sub-television set selected by the selection circuit (**fig. 1-3, pg. 5, paragraphs 73-74**);

and first control means for controlling the plurality of tuners, the selection circuit, and the first wireless transmission unit (**fig. 1-5, pg. 5, paragraphs 74-75**),

and the sub-television set comprises: a sub-television housing, said sub-television housing comprising: a television display (**fig. 1-5, pg. 4-5, paragraphs 67-68, 71-72**);

a second wireless transmission unit for receiving the receiving signal for broadcasting on the sub-television set transmitted from the first wireless transmission unit in the main television set (**fig. 1-7, pg. 5-6, paragraphs 77-80**);

a second signal processing circuit for processing the receiving signal for broadcasting on the sub-television set received by the second wireless transmission unit, to generate a video signal and an audio signal for broadcasting on the sub-television set **(fig. 1-5, pg. 4-5, paragraphs 67-68, 71-72);**

and a second control unit for controlling the second wireless transmission unit **(fig. 1-5, pg. 5, paragraphs 74-75).**

4. Regarding claim 2, Gatto discloses the television system characterized in that the first wireless transmission unit and the second wireless transmission unit can bidirectionally communicate various types of commands to each other **(fig. 1-5, pg. 5, paragraphs 74-75).**

5. Regarding claim 3, Gatto discloses the television system characterized in that each of the tuners is a digital tuner for receiving digital broadcasting, a digital AV stream outputted from each of the digital tuners is inputted to the selection circuit, and the first signal processing circuit comprises a decoder for decoding the receiving signal for broadcasting on the main television set selected by the selection circuit **(fig. 1-9, pg. 6, paragraph 86).**

6. Regarding claim 4, Gatto discloses the television system characterized in that the plurality of tuners comprise digital tuners for receiving digital broadcasting and analog tuners for receiving analog broadcasting **(fig. 1-2, pg. 4, paragraph 67-68),**

a digital AV stream outputted from each of the digital tuners is inputted to the selection circuit (**fig. 1-2, pg. 4-5, paragraphs 71-72**),

an analog video signal and an analog audio signal which are outputted from the analog tuner are encoded after being respectively converted into digital signals, and are further multiplexed to be converted into an AV stream, which is then inputted to the selection circuit (**fig. 1-9, pg. 6, paragraph 86**),

and the first signal processing circuit comprises a decoder for decoding the receiving signal for broadcasting on the main television set selected by the selection circuit (**fig. 1-9, pg. 6, paragraph 86**).

7. Regarding claim 5, Gatto discloses the television system characterized in that there is provided a switch for selecting either the video signal and the audio signal which are generated by the first signal processing circuit or the video signal and the audio signal which are outputted from the analog tuner and have not been encoded and outputting the selected video signal and audio signal (**fig. 1-7, pg. 5, paragraphs 75-77**),

the switch is so controlled that when the receiving signal for broadcasting on the main television set selected by the selection circuit is the AV stream generated on the basis of the output of the analog tuner (**fig. 1-7, pg. 5, paragraphs 75-77**),

the video signal and the audio signal which are outputted from the analog tuner and have not been encoded are selected, and the switch is so controlled that when the receiving signal for broadcasting on the main television set selected by the selection

Art Unit: 2623

circuit is an AV stream outputted from the digital tuner, the video signal and the audio signal which are generated by the first signal processing circuit are selected (**fig. 1-9, pg. 6, paragraph 86**).

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Rodriguez (2005/0071882 A1) discloses a system and method for adaptive scheduling and dynamic bandwidth resource allocation management.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHARLES N. HICKS whose telephone number is (571)270-3010. The examiner can normally be reached on M-F 7:30AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Kelley can be reached on 571-272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2623

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Chris Kelley/
Supervisory Patent Examiner, Art
Unit 2623

CNH